				ORDE	R FOR SI	(IPPLIES (OR SERVICE	S				PAGE 1 OF 14
	EO7-03-P-N		ER/AGREEMENT NO.	2. DELIV	VERY ORDER	/CALL NO.	3. DATE OF ORD (YYYYMMMDD) 2003APR24	ER/CAL		JISITION/PURCH RE	QUEST NO.	5. PRIORITY DOA4
6. ISSUED	BY	119	,	CODE	W56HZV	7. ADMINIST	ERED BY (If other	than 6)	SEE		2401A	8. DELIVERY FOB
TACOM AMSTA-AQ-AHPA JOSEPH MARLOWE (586)574-7947 WARREN, MICHIGAN 48397-5000 EMAIL: MARLOWEJ@TACOM.ARMY.MIL HTTP://CONTRACTING.TACOM.ARMY.MIL					B.H ROO 1 F FT.	TWIN CITIES . WHIPPLE FEI M 1150 EDERAL DRIVE SNELLING MI	N 551			0220	DESTINATION OTHER (See Schedule if other)	
9. CONTR	ACTOR			CODE	7Z634	FACIL		4		OB POINT BY (Date)	0339	11. X IF BUSINESS IS
	•						•	(Y	YYYMMMDI	D)		X SMALL
			DURABLE INC UDE WAY E						SCHEDULE			SMALL
NAME INVER GROVE HEIGHTS MN 55076 AND ADDRESS					12. DISCOUNT TERMS Net 30 Days				DISADVANTAGED WOMAN-OWNED			
13. MAIL INVOICES TO THE ADDRESS IN BLOCK						IN BLOCK						
14 01110		BUS	INESS: Other Sma		iness Perf				Block 15		T	MARKANA
14. SHIP T	SCHEDULE			CODE		DFA DFA P.O	T WILL BE MADE S - COLUMBUS S-CO/WEST ENT BOX 182381 UMBUS, OH 432	CENTE	MENT OPERA	COD	НQ0339	MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2
16. TYPE	DELIVERY/ CALL		THIS DELIVERY ORDE	R IS ISSUED	ON ANOTHER O	GOVERNMENT AC	GENCY OR IN ACCOR	DANCE W	ITH AND SUBJE	ECT TO TERMS AND COM	NDITIONS OF ABOV	E NUMBERED CONTRACT.
OF ORDER	PURCHASE	х	Reference your JON MATHISRUD	Oral			AE0703QN101	, D	Dated 2003M	AR21 .		
		21	ACCEPTANCE. THE							MBERED PURCHASI AND AGREES TO PE		MAY PREVIOUSLY HAVE ME.
		i, su	TRACTOR upplier must sign Accepta				opies:	TYPEI	O NAME AND	TITLE		SIGNED 'MMMDD)
SEE	SCHEDULE											
18. ITEM		СНЕ	EDULE OF SUPPLIES/SI	ERVICE			20. QUANTITY ORDERED/ ACCEPTED*	Y.	21. UNIT	22. UNIT PRICE	23. AMOUNT	
	CONT Fi KINI	rra irm	CHEDULE CT TYPE: 1-Fixed-Price OF CONTRACT: bly Contracts and	d Price	d Orders							
* If anoutity	accepted by the				STATES OF A	AMERICA					25, TOTAL	\$6,820.00
same as qu	uantity ordered,	indi		4. CIVITED	RONALD K	RAUS /SIGN	ED/ M ISI(\$586) 574-	-7158			26. DIFFERENCES	
quantity o	rdered and encir	rcle.		BY:				CON	TRACTING/O	RDERING OFFICER	DIFFERENCE	,
	PECTED	7		ACCEPTEI	O, AND CONFO	ORMS TO CON	TRACT EXCEPT AS	S NOTEI	D			
b. SIGNA	TURE OF AUTI	нон	RIZED GOVERNMENT I	REPRESE	NTATIVE		c. DATE (YYYYMMMD	DD)		D NAME AND TITLE SENTATIVE	OF AUTHORIZE	D GOVERNMENT
e. MAILI	NG ADDRESS ()F A	AUTHORIZED GOVERN	MENT RE	PRESENTATI	VE	28. SHIP. NO.		29. D.O. VOU	CHER NO.	30. INITIALS	
									32. PAID BY		33. AMOUNT V	VERIFIED CORRECT FOR
f. TELEP	HONE NUMBE	R	g. E-MAIL A	ADDRESS			PARTIA FINAL	ıL				
36. I CER'	TIFY THIS ACC	COU	INT IS CORRECT AND I	PROPER F	OR PAYMEN	т.	31. PAYMENT				34. CHECK NU	IMBER
a. DATE			b. SIGNATURE AND	TITLE OF	CERTIFYING	OFFICER					35. BILL OF L	ADING NO.
(YYYYM!	MMDD)						FINAL	L				
37. RECE	IVED AT		38. RECEIVED BY (P	'rint)	39. DATE RE		40. TOTAL CO TAINERS	DN-	41. S/R ACCO	OUNT NUMBER	42. S/R VOUCE	IER NO.

Reference No. of Document Being Continued

PIIN/SIIN DAAE07-03-P-N195

MOD/AMD

Page 2 **of** 14

Name of Offeror or Contractor: AMERICAN DURABLE INC

SUPPLEMENTAL INFORMATION

Regulatory Cite	Title	Date
TACOM	DISCLOSURE OF UNIT PRICE INFORMATION	DEC/2002

This constitutes notification pursuant to Executive Order 12600, Pre-Disclosure Notification Procedures for Confidential Commercial Information (June 23, 1987), of our intention to release unit prices in response to any request under the Freedom of Information Act, 5 USC 552. Unit price is defined as the contract price per unit or item purchased. We consider any objection to be waived unless the contracting officer is notified of your objection to such posting prior to submission of initial proposals.

[End of Notice]

2 52.204-4016 TACOM-WARREN ELECTRONIC CONTRACTING MAR/2001 (TACOM)

- (a) TACOM is now operating in an electronic contracting environment. All TACOM solicitations and awards are now distributed on the TACOM Warren Business Opportunities web page (http://contracting.tacom.army.mil/opportunity.htm) and are no longer available in hard copy. The TDPs and other documents, when available electronically, will be an attachment or linked to the solicitation package on the web. Please see submission guidelines at http://contracting.tacom.army.mil/ebidnotice.htm for more information. Any requirements included in the solicitation take precedence over guidance found on the TACOM contracting web page.
- (b) You may need to use special software to view documents that we post on the home page. This viewing software is freeware, available for download at no cost from commercial web sites like Microsoft and Adobe. In cases where such software is required, we provide a link from our page to the commercial site where the software is available. Once you arrive at the software developer's site, follow their instructions to download the free viewer. You then can return to the TACOM home page.
- (c) You are required to submit your offer, bid, or quote electronically. See the provision entitled "Electronic Offers (or 'Quotes' or 'Bids') Required in Response to This Solicitation (or 'Request for Quotations')" for more specific information.
- (d) Any award issued as a result of this solicitation will be distributed electronically. Awards posted on the TACOM Warren Business Opportunities web page represent complete OFFICIAL copies of contract awards.
- (e) If you have questions or need help in using the Acquisition Center Home Page, call our Electronic Contracting Help Desk at (586) 574-7059, or send an email message to: acqcenweb@tacom.army.mil
- (f) If you have questions about the content of any specific item posted on our home page, please call the buyer or point of contact listed for the item. Additional help is available to small businesses from Government-funded Electronic Commerce Regional Centers (ECRCs) to implement EDI. Information on ECRC is available at http://www.ecrc.ctc.com

[End of Clause]

Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-P-N195

MOD/AMD

Page 3 **of** 14

Name of Offeror or Contractor: AMERICAN DURABLE INC

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SUPPLIES OR SERVICES AND PRICES/COSTS				
0001	NSN: 6220-01-425-3579 FSCM: 19207 PART NR: 12365213 SECURITY CLASS: Unclassified				
0001AA	PRODUCTION QUANTITY	20	EA	\$341.00000	\$6,820.00
	NOUN: SPOTLIGHT PRON: EH386242EH PRON AMD: 01 ACRN: AA AMS CD: 070011				
	Description/Specs./Work Statement TOP DRAWING NR: 12365213 DATE: 10-JAN-2003				
	Packaging and Marking PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING SPECIFICATION SHEET IN TDP UNIT PACK: 001 LEVEL PRESERVATION: Military LEVEL PACKING: B				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 W56HZV23381449 W45G19 J 3 DEL REL CD QUANTITY DEL DATE 001 17 06-OCT-2003				
	FOB POINT: Destination				
	SHIP TO: FREIGHT ADDRESS (W45G19) SR W390 RED RIVER MUNITIONS CTR HIGHWAY 82 WEST CL V GATE 44 BLDG 184 TEXARKANA TX 75507-5000				
	CONTRACT/DELIVERY ORDER NUMBER DAAE07-03-P-N195/0000				
	DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 002 W56HZV23381450 W62G2T J 3 DEL REL CD QUANTITY DEL DATE 001 3 06-OCT-2003				

Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-P-N195

MOD/AMD

Page 4 of 14

Name of Offeror or Contractor: AMERICAN DURABLE INC

TEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	FOB POINT: Destination				
	SHIP TO: FREIGHT ADDRESS				
	(W62G2T) XU DEF DIST DEPOT SAN JOAQUIN				
	25600 S CHRISMAN ROAD				
	REC WHSE 10 PH 209 839 4307				
	TRACY CA 95376-5000				
	CONTRACT/DELIVERY ORDER NUMBER				
	DAAE07-03-P-N195/0000				

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	CONTIN	UATION	SHEET	PIIN/SIIN	J DAAE0	7-03-P-N195	MC	D/AMD		
Name	of Offeror or	Contractor	AMERICAN D	JRABLE INC						
CONTRAC	T ADMINISTRA	TION DATA								
							JOB			
LINE	PRON/	OBLG					ORDER	ACCOUNT	ING	OBLIGATED
<u>ITEM</u>	AMS CD	ACRN STAT	ACCOUNTING	CLASSIFICATION			NUMBER	STATION		AMOUNT
0001AA	EH386242EH	AA 2	97 X4930A	C6D 6D	26FB	S20113		W56HZV	\$	6,820.00
07	0011									
								TOTAL	\$	6,820.00
SERVICE	1						ACC	OUNTING		OBLIGATED
NAME	TOTA	L BY ACRN	ACCOUNTING	CLASSIFICATION			STA	TION		AMOUNT
Army		AA	97 X4930A	C6D 6D	26FB	S20113	W56	HZV	\$ _	6,820.00
								TOTAL	\$	6,820.00

CONTINUATION SHEET	Reference No. of Document Being	Page 6 of 14	
CONTINUATION SHEET	PHN/SHN DAAE07-03-P-N195	MOD/AMD	

Name of Offeror or Contractor: AMERICAN DURABLE INC

RACT CL	AUSES		
3	52.211-5	MATERIAL REQUIREMENTS	AUG/2000
4	52.219-6	NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE	JUL/1996
5	52.222-19	CHILD LABORCOOPERATION WITH AUTHORITIES AND REMEDIES	SEP/2002
6	52.222-21	PROHIBITION OF SEGREGATED FACILITIES	FEB/1999
7	52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES	JUL/2000
8	52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFERCENTRAL CONTRACTOR REGISTRATION	MAY/1999
9	52.246-2	INSPECTION OF SUPPLIESFIXED PRICE	AUG/1996
10	252.211-7005	SUBSTITUTIONS FOR MILITARY OR FEDERAL SPECIFICATIONS AND STANDARDS	FEB/2003
11	252.225-7001	BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM	MAR/1998
12	252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS (Alternate I	DEC/2000
		dated Dec 2000)	
13	52.204-4006	INCORPORATION OF TACOM MASTER SOLICITATION FOR SIMPLIFIED	MAY/2000
	(TACOM)	ACQUISITIONS AND DESIGNATION OF F.O.B. POINT	

- (a) This Request for Quotation (RFQ) or Purchase Order (PO) incorporates by reference TACOM-Warren's Master Solicitation for Simplified Acquisitions with the same force and effect as though the clauses and provisions it contains were physically incorporated into this document. The version in effect at time of award is the version that applies to your purchase order.
- (b) The TACOM-Warren Master Solicitation for Simplified Acquisitions is available on our Electronic Contracting web page, which you can reach using the following URL address: http://contracting.tacom.army.mil/opportunity.htm
- (c) The clauses and provisions in Section I of the Master Solicitation apply to all TACOM-Warren RFQs and Purchase Orders that contain this clause. The clauses contained in Section II of the Master Solicitation applies in addition to those in Section I when the RFQ or PO specifies F.O.B. Origin.
 - (d) We hereby specify that the required F.O.B. point for this acquisition is destination.
- (e) We will keep the Master Solicitation identified in this clause available on our Electronic Contracting web page during the entire period of performance of the purchase order. If the current Master Solicitation later is revised to incorporate a change in any of the clauses, the version specified in this clause will be retained, intact, in an archive area on our web page for continued reference and use.

[End of Clause]

14 52.211-4015 CONFIGURATION CONTROL--ENGINEERING CHANGES JUL/2002 (TACOM)

(a) DEFINITIONS:

- (1) Engineering Change Proposal (ECP). An ECP is a suggestion that we (the Government) permanently change some requirement of the Technical Data Package (TDP). ECPs can be issued before or during contract performance. NOTE: The current Government Standard allows us ninety days to process routine ECPs. If you (the contractor) need a response in less than ninety days to meet contract requirements, you should consider submitting a deviation along with your ECP.
- (2) Request for Deviation (RFD). A RFD is a one-time request to deviate from TDP requirements. You must submit your deviation request before you deviate from the TDP requirements. You can request a deviation for a specific number of parts or the entire contract quantity.
 - (3) Value Engineering Change Proposal (VECP). A proposal that --
 - (i) Requires a change to the instant contract; and
- (ii) Results in reducing the overall projected cost to the agency without impairing essential functions or characteristics; provided, that it does not involve a change --
 - (A) In deliverable end item quantities only;
 - (B) In research and development (R&D) end items or R&D test quantities that is due solely to results of previous testing under this contract; or
 - (C) To the contract type only.

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Reference No. of Document Being Continued

PIIN/SIIN DAAE07-03-P-N195

MOD/AMD

Page 7 of 14

Name of Offeror or Contractor: AMERICAN DURABLE INC

- (4) Notice of Revision (NOR). A NOR describes the proposed changes to a technical document being requested by an ECP.
- (b) When will TACOM start processing change requests? TACOM won't start processing any ECP, VECP, or RFD until we receive the ACO's comments (see paragraph (e) below) and the ECP, VECP, or RFD documentation.
- (c) Contractor Responsibility. ECPs, VECPs, and RFD shall contain information per the instructions outlined on the Data Delivery Descriptions (DDDs) which can be found at the following website: http://contracting.tacom.army.mil/engr/engrchange.htm. Forms for preparing an ECP, VECP, or a RFD can also be found at this website. You may use other media, as long as you give us all the information outlined in the DDDs.
 - $\hbox{(1)} \quad \hbox{Identify the two-digit Weapon System Code (WSC) on your submittal.} \quad \hbox{The WSC for this procurement is (JT).}$
- (2) The Contractor shall submit ECPs/VECPs/RFDs to the Government electronically. You must use one of the following electronic mediums: 100 megabyte Zip*-disk, 3 1/2 inch disk, 650 megabyte CD ROM, or E-mail. (E-mail files must be sized 3.5 mb or less.) Identify the software application, and version, that you used to create each file submitted.
- (3) ECPs/VECPs/RFDs submitted in paper form are unacceptable and will be returned. You must use one of the following electronic formats:
- (i) Files readable using these Microsoft 97 Office Products: Word, Excel, PowerPoint, or Access. Spreadsheets must be sent in a file format that includes all formulae, macro and format information. Print image is not acceptable.
 - (ii) Files in Adobe PDF (Portable Document Format).
- (iii) Files in HTML (Hypertext Markup Language). HTML documents must not contain active links to live Internet sites or pages. All linked information must be contained within your electronic ECPs/VECPs/RFDs and be accessible offline.
- (iv) Other electronic formats. Before preparing your ECPs, VECPs or RFDs in any other electronic format, please e-mail the engineer, copy-furnished to the buyer and ACO, to obtain a decision as to the format's acceptability. Failure to e-mail the engineer to seek an alternate format's acceptability may result in rejection of your submission. All alternate methods must be at no cost to the Government. NOTE: The above formats may be submitted in compressed form using self-extracting files.
 - (d) Submittal Procedures for ECPs/VECPs/RFDs.
 - (1) Send one copy of the ECP, VECP or RFD in electronic format to your ACO.
 - (2) Send one copy of the ECP, VECP or RFD in electronic format to the buyer listed on the solicitation/ contract document.

WARNING - Submit complete, legible, virus free packages per paragraphs 1 and 2 above, or we may return your ECP/VECP/RFD without processing them.

(e) ACO Responsibility. Within ten working days from the day you receive the contractor's request, the ACO must prepare Comments on the ECP, VECP, or RFD in electronic format, and forward it as follows:

ECPs, VECPs, and RFDs. Email a copy of the contractor's request and ACO comments (DD Form 1998) to the engineer khatiwk@tacom.army.mil and the buyer identified in block 7 of the solicitation cover sheet (SF 33), block 5 on the Standard Form 26, or block 6 on the DD Form 1155

- (f) Approval of ECPs, VECPs and RFDs.
- (1) ECPs should be used to make permanent changes in the Government Technical Data Package (TDP). Contractual relief should be requested using a Request for Deviation. This is because the Government requires more time to analyze any proposal to permanently change the specification or TDP. Cost saving improvements to the TDP should be submitted as a VECP, if a VE clause is contained in the contract.
- (2) ECPs. TACOM will review and make a decision within the ninety day timeframe. Notification of our decision will be made by the contracting officer or representative.
 - (3) RFDs. Decision on RFDs will be made within 30 days from the date we receive them from the ACO.
- (g) Processing Emergency and Urgent ECPs. Ordinarily, ECPs submitted by the contractor will be deemed routine. If you submit an ECP that you consider to be an emergency or urgent (as defined in paragraph 11 of DDD for ECPs), you must immediately notify the PCO. TACOM will review the criticality of the ECP, and, if we determine that it is urgent or critical, we'll follow the appropriate processing time-frames as outlined in paragraph 11 of the DDD for ECPs.

CONTINUATION CHEET	Reference No. of Document B	eing Continued	Page 8 of 14
CONTINUATION SHEET	PIIN/SIIN DAAE07-03-P-N195	MOD/AMD	

Name of Offeror or Contractor: AMERICAN DURABLE INC

- (h) Reminder Only the PCO can change the Contract. NO OTHER GOVERNMENT REPRESENTATIVE is authorized to make a commitment for, or bind the Government.
 - (i) RFDs shall contain sufficient pricing data to determine if a downward equitable adjustment to the contract is required.
 - (j) Questions.
- (1) Questions about preparation and submittal of change request should be directed to the Government Quality Assurance Representative (QAR).
- (2) Questions about the status of change requests you've already submitted, contact the buyer. You can find the buyer's name, number and e-mail address in block 7 of the solicitation cover sheet (SF 33), block 5 on the Standard Form 26, or block 6 on the DD Form 1155.

[End of Clause]

15 52.211-4053 REQUIRED TAILORING LANGUAGE TO ELIMINATE CLASS I OZONE-DEPLETING MAR/2000 (TACOM) SUBSTANCES

- (a) The purchase description or Technical Data Package (TDP) for this purchase order incorporates one or more specifications or standards that, in their unmodified form, either authorize or require the use of Class I Ozone-Depleting Substances (CIODS). For purposes of your performance on this purchase order, those specifications (which are identified in paragraph (b) of this clause) are modified by special tailoring language which appears in the TACOM Acquisition Center's web-site. Directions for reaching our web-site and locating the required tailoring language appear in paragraph (c) of this clause.
- (b) Tailoring language to eliminate the authorization or requirement to use Class I Ozone-Depleting Substances (CIODS) is hereby incorporated into this contract by reference. Packaging Specifications MIL-L-61002 and MIL-STD-129, where they apply, are affected by this tailoring language. Other specifications and standards affected are:N/A.
- (c) The CIODS listing that contains the required tailoring language is on the TACOM Acquisition Center web-site, which you can reach by using this URL: http://contracting.tacom.army.mil/ciods.html

[End of Clause]

16 52.246-4005 INSPECTION AND ACCEPTANCE POINTS: ORIGIN FEB/1995 (TACOM)

- (a) Inspection and acceptance of supplies offered under this purchase order shall take place as specified herein. Inspection: ORIGIN Acceptance: ORIGIN
 - (b) Origin inspection shall take place at the site specified below:

AMERICAL DURABLE, INC 72634 6080 CLAUDE WAY EAST INVER GROVE HEIGHTS, MN 55076

[End of Clause]

17 52.247-48 F.O.B. DESTINATION--EVIDENCE OF SHIPMENT (DEVIATION) JUL/1995

- (a) If this contract is awarded on an f. o. b. destination basis, and if transportation is accomplished by common carrier, parcel post, or other than common carrier, the Contractor agrees not to invoice until the supplies are shipped, and to retain the following evidence of shipment (EOS) documentation for a period of 4 years after completion of the contract.
- (1) If transportation is accomplished by common carrier, the Contractor will retain a signed copy of the commercial bill of lading of the supplies covered by the invoice, indicating the carrier's intent to ship said supplies to the destination specified in the contract.
 - (2) If transportation is accomplished by parcel post, the Contractor will retain a copy of the mailing certificate, or
 - (3) If transportation is by other than common carrier or parcel post, the Contractor will retain the receipt copy of the

Reference No. of Document Being Continued

PIIN/SIIN DAAE07-03-P-N195

MOD/AMD

Page 9 **of** 14

Name of Offeror or Contractor: AMERICAN DURABLE INC

appropriate delivery document showing receipt at the destination in the contract.

(b) Retention of the above EOS documentation and having the documentation available for subsequent review, if needed, eliminates the requirement to provide these documents with the Contractor's paper, or electronically transmitted, invoices.

[End of Clause]

18 52.204-4005

REQUIRED USE OF ELECTRONIC CONTRACTING

DEC/2002

(TACOM)

- (a) All contract awards, modifications and delivery orders issued by TACOM will be issued electronically. The contractor has the option to receive these actions either via the Worldwide Web (WWW) or Electronic Data Interchange (EDI). Many provisions/clauses that appear "by reference", meaning only clause titles and regulation site are listed; their full texts can be found at the website http://farsite.hill.af.mil/
- (b) In order to be eligible to receive an award under this solicitation, the successful offeror must be registered with the Department of Defense (DOD) Central Contractor Registration (CCR). The CCR registration process may be done electronically at the World Wide Web (WWW) site: http://www.ccr2000.com . (In order to be registered to use EDI, you must use the long form for registration. Certification information, including information on the EDI 838 TPP, must be furnished to the Contracting Officer within 60 calendar days after contract award to complete networking requirements within the Government.)
- (c) Worldwide Web Distribution. The contractor will receive an electronic Notice of the Award, Modification, or Delivery Order via e-mail. If you choose the WWW option, you must download the file from the appropriate TACOM webpage:

Warren: http://contracting.tacom.army.mil/awards_official.htm
Rock Island: http://aais.ria.army.mil/AAIS/AWDINFO/index.htm
Picatinny: http://procnet.pica.army.mil/Contracts/Index.htm
Red River Army Depot: http://www.redriver.army.mil/contracting/Awards
Anniston Army Depot: http://www.anadprocnet.army.mil

- (d) Electronic Data Interchange. If you choose to receive contract awards, modifications and delivery orders through EDI, they will be delivered electronically via the Federal Acquisition Network (FACNET). Federal Standard Version 3050 of Standard X12 from the American National Standards Institute (ANSI) will be used as the format for these electronic transactions.
- (1) You must complete the EDI 838 Trading Partner Profile, and must agree (i) to subcontract with a DoD certified VAN or Value Added Service (VAS) provider, or (ii) to become DoD certified as a Value Added Network (VAN). The EDI 838 Training Partner Profile is contained in the basic CCR registration form and includes portions of the registration form which are titled "Optional".
- (2) You must select a VAN from the official DoD approved list. DoD Certified VANs are listed at http://www.acq.osd.mil/ec/ecip/index.htm . If your VAN is later removed from the official list, or if you voluntarily drop your initially selected VAN, then you must switch to a VAN that remains on the official DoD approved list. You must maintain an active account on a DoD approved VAN for the entire duration of the contract, beginning no later than the 60th day after award.
- (e) Unless otherwise specified elsewhere in the contract, all data items you are required to provide under this contract must be submitted electronically. Acceptable formats include:
 - (1) Microsoft* 97 Office Products (TACOM can currently read OFFICE 97* and lower.): Word, Excel, Powerpoint, or Access
 - (2) 100 OR 250 MEGABYTE ZIP*-DISK, 3 1/2 INCH DISK, OR 650 MEGABYTE CD ROM
 - (3) E-MAIL (Maximum size of each e-mail message is be three and one-half (3.5) megabytes).
- (4) Other electronic formats. Before submitting your data in any other electronic format, please e-mail the buyer identified on the face of the contract, with e-mail copy-furnished to amsta-idq@tacom.army.mil, to obtain a decision as to the format's acceptability. This e-mail must be received by the buyer not later than ten calendar days before the required data submission date.

NOTE: The above formats may be submitted in compressed form using self-extracting files.

(f) Additional information can be obtained by sending a message to: acqcenweb@tacom.army.mil or by calling (586) 574-7059.

[End of Clause]

PIIN/SIIN DAAE07-03-P-N195 MOD/AMD	CONTINUATION SHEET	Reference No. of Document Being Continued	Page 10 of 14
	CONTINUATION SHEET	PHN/SHN DAAE07-03-P-N195 MOD/AMD	

Name of Offeror or Contractor: AMERICAN DURABLE INC

- 19 52.204-4009 MANDATORY USE OF CONTRACTOR TO GOVERNMENT ELECTRONIC COMMUNICATION JUN/1999 (TACOM)
- (a) All references in the contract to the submission of written documentation shall mean electronic submission. All electronic submissions shall be in the formats and media described in the "Electronic Quotations/Offers/Bids Required in Response to this Request for Quotations/Proposals/Bids" clause elsewhere in this document. (See Section K for commercial acquisitions, Section L for RFPs, and Section I for RFQs.)
- (b) This shall include all written unclassified communications between the Government and the Contractor except contract awards and contract modifications which shall be posted on the internet. Return receipt shall be used if a commercial application is available. Classified information shall be handled in full accordance with the appropriate security requirements.
- (c) In order to be contractually binding, all Government communications requiring a Contracting Officer signature must be sent from the Contracting Officer's e-mail address. The Contractor shall designate the personnel with signature authority who can contractually bind the contractor. All binding contractor communication shall be sent from this contractor e-mail address(es).
- (d) Upon award, the Contractor shall provide the Contracting Officer with a list of e-mail addresses for all administrative and technical personnel assigned to this contract.
- (e) Unless exempted by the Procuring Contracting Officer in writing, all unclassified written communication after contract award shall be transmitted electronically.

[End of Clause]

20 52.211-4008 DRAWING LIMITATIONS NOV/2002 (TACOM)

- (a) The drawings supplied with this contract are <u>not</u> shop or process drawings. They are engineering design drawings. They are adequate to permit manufacture, and:
 - (1) depict the completed (item(s), and
 - (2) serve as the basis for inspection of the completed item(s).
- (b) These drawings DON'T cover intermediate drawings/specifications or steps in the manufacturing process. As a result, even if you meet all the dimensions and tolerances specified in the engineering design drawing for each individual part, a cumulative unacceptable fit for the contract item could result.
- (c) YOU ARE RESPONSIBLE for producing the shop or process drawings needed to cover intermediate steps in the manufacturing process.
- (d) The Contractor agrees that he has obtained all specifications and drawings necessary to manufacture the items being solicited in accordance with the TDP including all incorporated specifications and drawings. The contractor is responsible for having all drawings and specifications. Delivery delays are not excusable where the contractor asserts that it did not have a specification or drawing and has failed to request, in writing, the specification from either the Contracting Officer or Contract Specialist prior to the solicitation closing date.
- (e) If you fail to produce an end item with a cumulative fit that conforms to Government drawings, specifications or other supplemental manufacturing documentation, you'll be responsible for correcting this condition at no additional cost to the Government and no delivery schedule extension.

[End of Clause]

21 52.211-4030 SPECIAL TESTING REQUIREMENTS FOR CHEMICAL AGENT RESISTANT COATINGS MAR/2001 (TACOM) (CARC) ON METALLIC SURFACES

(a) <u>Application</u>: MIL-C-46168 MIL-C-53039 MIL-PRF-22750

(b) End-Item Paint Inspection: After the complete paint finish has been applied and cured* (See *Note, below), the Contractor

Reference No. of Document Being Continued

PIIN/SIIN DAAE07-03-P-N195

MOD/AMD

Page 11 of 14

Name of Offeror or Contractor: AMERICAN DURABLE INC

shall test and inspect two units per lot for (i) workmanship, (ii) total paint film thickness, and (iii) paint adhesion. Unless otherwise agreed to between the Contractor and the cognizant Government quality assurance representative, a <u>lot</u> shall be defined as all units submitted for final Government acceptance at one time. The use of test panels in lieu of actual production units is prohibited. At final inspection, the cumulative total paint film thickness of pretreatment, primer, and topcoat shall at a minimum conform to the sum of the minimum thicknesses for individual elements of the paint finish as specified in the Film Thickness Table below. Sufficient locations shall be spot-checked to ensure proper workmanship and paint thickness uniformity. The size and configuration of the unit as well as the number of vendors responsible for the paint finish of component parts shall be taken into consideration in determining the number of locations to be checked. The specific number of test locations shall be agreed to by the cognizant Government quality assurance representative in advance. In addition, two locations on each sample unit shall be selected to conduct the scribe tape test. The test locations shall be routinely varied among the following:

- (1) Directly adjacent to a weld
- (2) On or directly adjacent to a machine cut or sheared edge.
- (3) On any mechanically formed surface when lubricants/drawing compounds were used.
- (4) On paint touch-up areas.
- (c) The precise location for each scribe tape test shall be in an inconspicuous location that has been accepted by the cognizant Government quality assurance representative before the test is conducted.
- (d) Upon completion of the scribe tape test, the scribe marks shall be feathered into the adjacent area and touched up with the required top coat so that the tested area again conforms to the applicable minimum specified in the Film Thickness Table below.

*Note: The complete paint finish is defined as the pretreatment, primer, and topcoat applied to the substrate. Curing of the complete paint finish is dependent upon temperature, humidity, and paint film thickness. The time necessary to achieve sufficient adhesion to pass the scribe tape test must be determined by each facility. For purposes of this test, curing at ambient temperature will take from 24 days.

(e) Test Methods:

- (1) <u>Film Thickness</u>. Film thickness shall be verified with a nondestructive film gage. The gage shall be suitable for measurements over the applicable substrate material and shall have sufficient accuracy to ensure compliance to the thickness limitations. The gage shall be capable of being calibrated. If no other calibration specification or requirement is identified elsewhere in this contract, then the gage shall be calibrated in accordance with ISO 10012.
- (2) <u>Scribe Tape Test</u>. The following test procedure shall be followed. The test surface shall be sufficiently warm and dry to ensure adhesion of the tape. All dimensions cited in this Scribe Tape Test description are approximate:
- (i) Scribe four one-inch lines completely through the paint finish to the substrate, one sixteenth to three thirty-seconds of an inch apart.
- (ii) Scribe four additional one-inch lines, completely through the paint finish, one sixteenth to three thirty-seconds of an inch apart, rotated 90 degrees with respect to the first set of lines. The resulting pattern shall contain nine squares.
- (iii) Press a length of A-A-1830, A-A-884, or any commercially available tape with a minimum adhesion rating of 45 oz. per inch of width firmly over the scribed pattern, rubbing out all air pockets.
- (iv) Wait 10 seconds, minimum. Grasp a free end of the tape and at a rapid speed strip it from the paint surface by pulling the tape back upon itself at 180 degrees.

(f) <u>Interpretation of Test Results</u>

NOTE: These two tests are not a substitute for corrosion tests such as neutral salt spray or accelerated corrosion tests which verify coating durability.

(1) Film Thickness. All applicable surfaces shall have complete paint coverage. A minimum of 75% of the applicable surfaces of each test unit shall meet the minimum, cumulative dry film thickness requirements. Failure of either test unit shall result in rejection of the production lot that it represents.

FILM THICKNESS TABLE

SPECIFICATION	DRY FILM THICKNESS (Mils)
DOD-P-15328*	0.3 - 0.5
MIL-PRF-23377	1.0 - 1.5

CONTINUE TION SHEET	Reference No. of Docume	Page 12 of 14	
CONTINUATION SHEET	PIIN/SIIN DAAE07-03-P-N195	MOD/AMD	
Name of Offeror or Contractor: AMERICAN D	URABLE INC		
	MIL-P-53022	1.0 - 1.5	
	MIL-PRF-22750	1.3 - 1.7	
	MIL-P-53030	1.0 - 1.5	
	MIL-C-46168	1.8 - 3.2	
	MIL-C-53039	1.8 - 3.2	

^{*}May not be allowed per contract due to VOC and hexavalent chromium content.

(2) Scribe Tape Test (Adhesion). The removal of two or more complete squares of top coat, or top coat-primer-pretreatment coating, from either test unit constitutes test failure and the production lot from which it comes is rejected. Removal of overspray does not constitute test failure.

Notice: The scribe tape test is designed to detect any deficiency in the paint application process that would affect the durability of the CARC finish. Typical causes of failure are:

- (i) Inadequate cleaning of the substrate.
- (ii) Contamination of the surface between coatings.
- (iii) Excessive paint film thickness in a single coating application.
- (iv) Application of a coating over a previous coating which has not been adequately cured.

It is strongly recommended that the Contractor implement rigid in-process controls in conjunction with the best industrial painting practices to ensure that the performance requirements specified in this clause are met.

[End of Clause]

22 52.211-4036 FORMAT OF THE TECHNICAL DATA PACKAGE (TACOM)

APR/2000

- (a) The TDP for the contract item is available only in electronic format via the TACOM Contracting Webpage (contracting.tacom.army.mil). TACOM-Warren has discontinued its practice of providing hard copies (i.e. CD ROM) of technical data packages (TDPs). You must obtain a copy of the TDP for this solicitation via the TACOM Contracting Webpage. For those TDPs not available via the webpage, the TDP will be issued free of charge in CD-ROM format. The CD-ROM includes the necessary software to access, view, and print individual images that are included in the TDP. The CD-ROM can be read in any personal computer that includes a CD-ROM drive. If your company does not have a personal computer with a CD-ROM drive, you can take the CD-ROM disk to any of various commercial computing or copying/printing service, to have hard copies produced.
- (b) TDPs available via the TACOM Contracting Webpage may be purchased in CD ROM format for a fee of \$4.60 each. Requests for CD ROMs and payment should be mailed to:

USATACOM AMSTA-CM-CDD (TDP Requests) Warren, MI 48397-5000

Make checks payable to the United States Treasury. Points of Contact for this initiative: Gerri Mackey and Diane Woods at (586) 574-7061, and Gloria McCullough at (586) 574-7064.

[End of Provision]

52.215-4404 DATA AND COMMUNICATIONS SUBMITTED TO THE GOVERNMENT ELECTRONICALLY MAY/2002

The Government often employs contractors as system administrators to operate and maintain Government computer systems. These systems include local area networks, web sites, databases, other electronic records, e-mail accounts, other electronic data transfer mechanisms and computer software. The employees of these contracted system administrators sign nondisclosure agreements obligating them not to reveal information contained in files, documents, computers or systems that they administer. However, unless such information is

Reference No. of Document Being Continued

PIIN/SIIN DAAE07-03-P-N195

MOD/AMD

Page 13 of 14

Name of Offeror or Contractor: AMERICAN DURABLE INC

protected in some way, contracted system administrators do have the ability to access such information.

Potential contractors as well as any other parties are thus advised to take steps needed to prevent access by contracted system administrators to information submitted electronically to the Government. Absent such steps, it is assumed that contracted system administrators are permitted the capability to access the data. The access will be limited to that which is necessary for the contract system administrator to perform its duties for the Government. The access shall be subject to the condition that third party information is not to be revealed by the contracted system administrator.

[End of clause]

24 52.246-4026 (TACOM) LOCAL ADDRESS FOR DD FORM 250

MAR/2002

- (a) The contractor must provide a copy of each Material Inspection and Receiving Report (DD 250) pertaining to this contract, to the addresses given below, using either of the following methods:
 - (1) Our first preference is for you to use electronic mail (e-mail), using the following e-mail address:

DD250@tacom.army.mil

(2) Our second preference is for you to use data facsimile (datafax) transmission, using this fax number:

(586) 574-7552 and use "DD250 mailbox" in the "to:" block of your fax cover or header sheet.

In either method, do not mix DD250s from more than one contract in a single transmission. That is, you may submit multiple DD250s in a single transmission, but they must all be against the same contract.

- (b) These copies meet the requirements for the Purchasing Office copy and the Army Inventory Control Manager copy listed in tables 1 and 2 of DFARS Appendix F.
 - (c) The DD250 form may be found, in three different formats, on the World Wide Web at http://webl.whs.osd.mil/icdhome/DD-0999.htm

[End of Clause]

25 52.247-4016

(TACOM)

HEAT TREATMENT AND MARKING OF WOOD PACKAGING MATERIALS

лп./2002

ALL NON-MANUFACTURED WOOD USED IN PACKAGING SHALL BE HEAT TREATED TO A CORE TEMPERATURE OF 56 DEGREES CELSIUS FOR A MINIMUM OF 30 MINUTES. THE BOX/PALLET MANUFACTURER AND THE MANUFACTURER OF WOOD USED AS INNER PACKAGING SHALL BE AFFILIATED WITH AN INSPECTION AGENCY ACCREDITED BY THE BOARD OF REVIEW OF THE AMERICAN LUMBER STANDARD COMMITTEE. THE BOX/PALLET MANUFACTURER AND THE MANUFACTURER OF WOOD USED AS INNER PACKAGING SHALL ENSURE TRACEBILITY TO THE ORIGINAL SOURCE OF HEAT TREATMENT. EACH BOX/PALLET SHALL BE MARKED TO SHOW THE CONFORMANCE TO THE INTERNATIONAL PLANT PROTECTION CONVENTION STANDARD. BOXES/PALLETS AND ANY WOOD USED AS INNER PACKAGING MADE OF NON-MANUFACTURED WOOD SHALL BE HEAT TREATED. THE QUALITY MARK SHALL BE PLACED ON BOTH ENDS OF THE OUTER PACKAGING, BETWEEN THE END CLEATS OR END BATTENS; ON TWO SIDES OF THE PALLET.

[End of Clause]

26 52.247-4458 (TACOM)

GUARANTEED SHIPPING CHARACTERISTICS--F.O.B. DESTINATION

SEP/2000

- (a) The offeror is required to complete subparagraph (b)(1), (2), and (3), of this clause, for each part or component, including all of its packaging. This information will be used by the Government to perform logistics management functions such as providing item sustainment, planning (e.g. estimating storage costs), and redistribution. You are not liable if you give us wrong information, however since the DOD uses this data in-house in existing data bases and because this information may be used in contingency planning it, we request that the information provided be as accurate as possible.
- (b) Definitions of terms commonly used in the packaging and distribution environments are defined in ASTM D996 and should be consulted if any term used herein is in question.
 - (1) Unit Package:

Reference No. of Document Being Continued

PIIN/SIIN DAAE07-03-P-N195

MOD/AMD

Page 14 of 14

Name of Offeror or Contractor: AMERICAN DURABLE INC

(i) Specify the type of UNIT PACKAGE for each single unit of issue: A container in direct contact with and enclosing the product along with any required protective materials(s)(e.g. item is wrapped in neutral paper, polyethylene foam cushion wrapped, sealed in a waterproof bag, and placed in a fiberboard box).	
(ii)	Unit Package Exterior Size/Weight of Unit Package with contents:
	Length21 x Width_14x Depth _9(expressed in inches)/Weight expressed in pounds
(2) Shipping Container:	
(i)	Exterior Size of SHIPPING CONTAINER AND CONTENTS THEREIN:
	Length, 36" x Width, 36" x Height,36" (expressed in feet and inches)
(ii)	Number of unit packages per shipping container20 each
(iii) Gross weight of Shipping container and contents _150 Lbs.
(3) Unitized Loads:	
(i)	Is the Load palletized, skidded, or some other platform device used as a base for handling and transporting as a single entity. Yes [] No []; describe:
(ii)	Number of Shipping containers per pallet/skid _1 each.
(iii) Weight of empty pallet, skid, platform, dolly, other device used as a base for handling and transporting materials _30 Lbs
(iv)	Size of Unit Load(pallet/skid including shipping container(s)assembled for handling and transportation as a single entity:
	Length,36" x Width, 36" x Height,36" (expressed in feet and inches)
(v)	Gross Weight of Unit Load150 Lbs;

[End of Clause]